

LEGEND

- ① NEOPRENE STRIP SEAL & STEEL EXTRUSIONS D.S. BROWN SS-600 EXTRUSIONS TO BE EITHER A.S.T.M. A-36, A-588, A242.
- ② STUDS  $\frac{5}{8}$ " DIA. X  $6\frac{3}{8}$ " LONG AT 6" ALTERNATE CENTERS. WELD TO EXTRUSION & BEND AS SHOWN AFTER WELDING.
- ③ SUPPORT ROD  $\frac{3}{4}$ " DIA. WITH 2 NUTS & WASHERS. THRD. ONE END AT SUPER. SIDE OF JT. WELD ROD TO TOP GIRDER FLG. OR ATTACH BY BOLTING THRU FLG. AT ABUT. GROUT THRD. ROD INTO FIELD DRILLED HOLES IN ABUT. BACKWALL AS SHOWN.
- ⑤ FABRICATE SUPPORT FROM 3" X  $\frac{1}{2}$ " BAR AS SHOWN OR EQUIVALENT, ONE PER GIRDER. SHOP WELD TO NO. 1. PROVIDE  $\frac{1}{2}$ " DIA. HOLE FOR NO. 3 & 1" DIA. HOLE FOR NO. 4.
- ⑥ ANCHOR STUDS  $\frac{5}{8}$ " DIA. X  $6\frac{3}{8}$ " LONG. WELD TO NO. 12 & NO. 8 AS SHOWN. BEND TO CLEAR JOINT OPENING.
- ⑦  $\frac{3}{4}$ " DIA. HEX HEAD. STAINLESS STEEL BOLT, & HEX HEAD NUT. WELD NUT TO NO. 8. PROVIDE NUT WITH 1" DEEP PLASTIC CAP OVER NUT TO KEEP CONC. FROM ENTERING BOLT CAVITY. SPA. @ 9" CTRS. (USE BOLT WITH  $2\frac{7}{8}$ " GRIP FOR INSTALLATION)
- ⑧ BAR  $\frac{5}{4}$ " X  $\frac{3}{4}$ " X LIMITS SHOWN. WELD TO NO. 1. PROVIDE HOLES FOR NO. 7.
- ⑨ BAR  $3\frac{1}{2}$ " X  $\frac{3}{4}$ " X LIMITS SHOWN WELD TO NO. 10. PROVIDE HOLES FOR NO. 7.
- ⑩ PLATE 1" X  $1'-1\frac{1}{2}"$  X LIMITS SHOWN 6'-0" MAX. LONG. PROVIDE  $1\frac{5}{8}$ "  $\phi$  HOLES FOR NO. 7. PROVIDE SLOTTED HOLE FOR NO. 13 FOR ADJUSTMENT.
- ⑪ BAR 3" X 1" X LIMITS SHOWN. WELD TO NO. 12.
- ⑫ BAR 9  $\frac{3}{4}$ " X  $\frac{3}{4}$ " X LIMITS SHOWN WELD TO NO. 1.
- ⑬  $\frac{3}{4}$ " DIA. BOLTS @ 9" CTRS. TACK WELD NUT TO NO. 10. REASE FOR EASY REMOVAL. PROVIDE SLOTTED HOLE IN NO. 10 FOR ADJUSTMENT.
- ⑭ BAR 1" X  $1\frac{3}{4}$ " X LIMITS SHOWN. WELD TO NO. 8.
- ⑮ FILL WITH HOT POURED ELASTIC TYPE JOINT SEALER.
- ⑯  $\frac{3}{4}$ " DIA. BOLTS @ 9" CTRS. TACK WELD TO NO. 12. REASE FOR EASY REMOVAL.
- ⑰ L 3" X 3" X  $\frac{3}{8}$ ". PROVIDE  $\frac{1}{8}$ "  $\phi$  SLOTTED HOLES FOR # 13 & # 16. PLACE TWO # 17'S PER EACH # 10.

TEMPERATURE TABLE

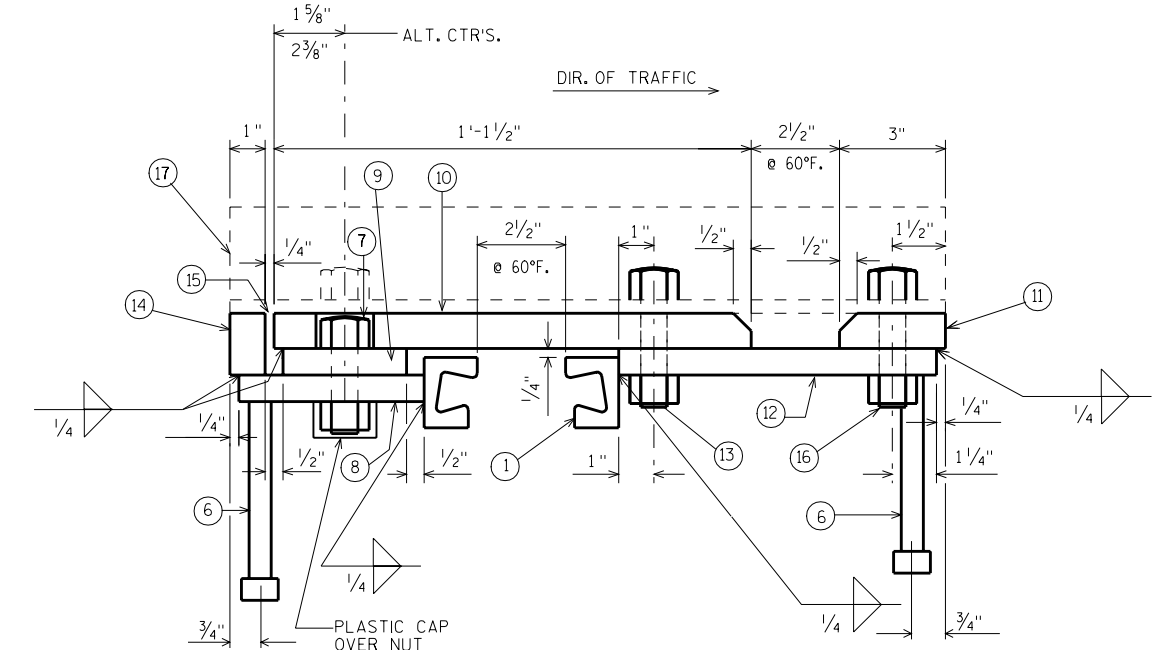
TEMP.	JOINT OPENING	
120 °		
90 °		
60 °		
30 °		
0 °		
- 30 °		

SHADED UNDERSIDE DECK  
TEMPERATURE  
(°F.)

SEAL NOTES

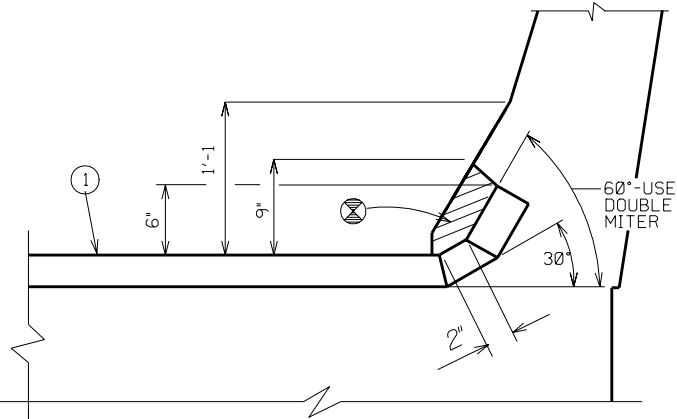
NO SPlicing OF NEOPRENE SEAL PERMITTED.  
SAND BLAST CLEAN STEEL EXTRUSIONS PRIOR TO COATING WITH LUBRICANT ADHESIVE FOR NEOPRENE SEAL.  
STRIP SEAL EXPANSION JOINT ASSEMBLY, STUDS AND HARDWARE, WILL BE PAID FOR AT THE LUMP SUM PRICE BID FOR "EXPANSION DEVICE."  
AFTER THE JOINT IS SET & #3 IS WELDED TO THE GIRDER OR SET IN GROUT #13 & # 16 SHALL BE MADE "FINGER TIGHT" TO ALLOW FOR TEMPERATURE MOVEMENT OF THE BRIDGE.  
AFTER CONC. IS PLACED # 13 & # 16 SHALL BE REMOVED & HOLES FILLED WITH HOT POURED ELASTIC TYPE JOINT FILLER.  
REMOVE # 17 AFTER CONCRETE HAS SET AND PLACE STAINLESS STEEL # 7.

DETAIL A

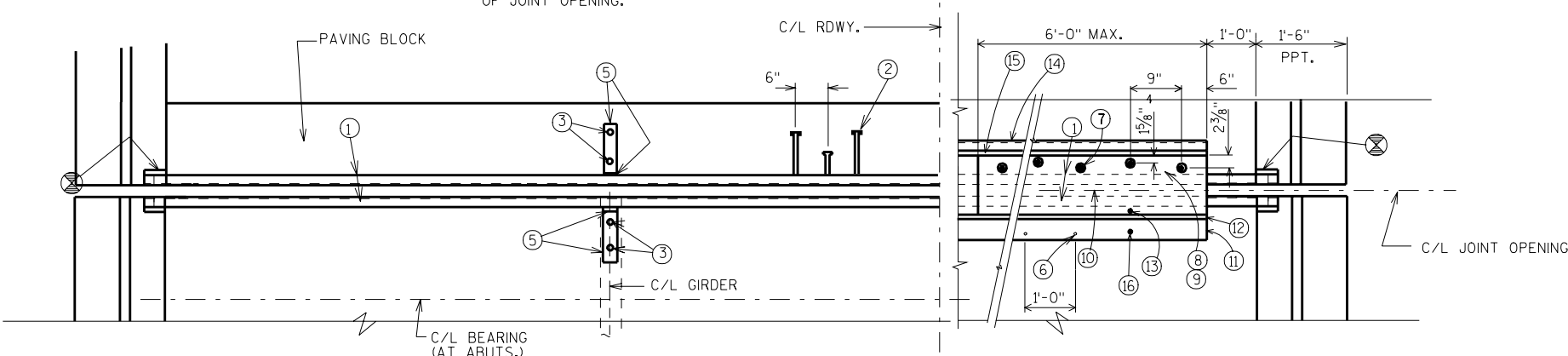


SECTION AT CURB

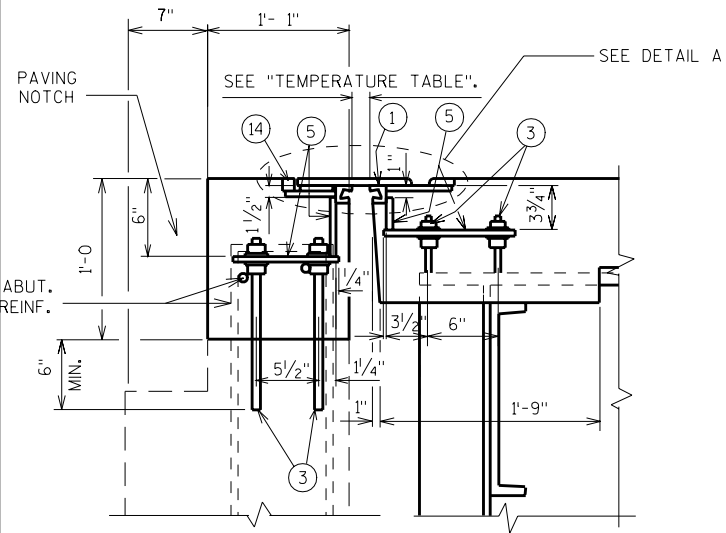
⊗ BLOCK OUT CONCRETE 2" EACH SIDE OF JOINT OPENING.



PLAN OF PROPOSED JOINT



SECTION THRU PROPOSED JOINT



JOINT SECTION

